

Title (en)

Bromate stabilization of nitrate-free 3-isothiazolones

Title (de)

Stabilisierung von nitratfreien 3-isothiazolonen mit Bromaten

Title (fr)

Stabilisation des 3-isothiazolones exempts de nitrate avec des bromates

Publication

EP 0712577 A2 19960522 (EN)

Application

EP 95307214 A 19951011

Priority

US 34256694 A 19941121

Abstract (en)

Stabilising 3-isothiazolone derivs (I) in aq. soln. which is free from nitrate and nitrate stabiliser cpds. comprises: (a) introducing bromate to stabilise (I); and (b) buffering to pH 4-5. Also claimed is a biocide compsn. comprising the stabilised compsn. prepd. as above and a solvent.

IPC 1-7

A01N 43/80; **A01N 53/00**

IPC 8 full level

C07D 275/02 (2006.01); **A01N 43/80** (2006.01); **A61K 8/49** (2006.01)

CPC (source: EP KR US)

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C-Set (source: EP US)

1. **A01N 43/80** + **A01N 59/00** + **A01N 25/22**
2. **A01N 43/80** + **A01N 2300/00**

Citation (applicant)

US 5145501 A 19920908 - LASHEN EDWARD S [US], et al

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EP 0712577 A2 19960522; **EP 0712577 A3 19970115**; **EP 0712577 B1 19991215**; AT E187600 T1 20000115; AU 3449595 A 19960530; AU 692302 B2 19980604; BR 9504191 A 19970401; CA 2158513 A1 19960522; CN 1056839 C 20000927; CN 1138038 A 19961218; DE 69513936 D1 20000120; DE 69513936 T2 20000720; ES 2141307 T3 20000316; IL 115696 A0 19960119; JP 3853410 B2 20061206; JP H08319279 A 19961203; KR 970019856 A 19970528; US 5478797 A 19951226

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